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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/821,079	03/29/2001	Messaoud Benantar	AUS920010064US1	5333

7590 10/19/2004

Joseph R. Burwell
Law Office of Joseph R. Burwell
P.O. Box 28022
Austin, TX 78755-8022

EXAMINER

BROWN, CHRISTOPHER J

ART UNIT	PAPER NUMBER
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2134

DATE MAILED: 10/19/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/821,079	Applicant(s) BENANTAR, MESSAOUD	
	Examiner Christopher J Brown	Art Unit 2134	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 August 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-35 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 4, 12, 14, 17, 25 and 28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Parker US 5,339,403 in view of Riggins US 6,766,454.

As per claims 1, 4, 12, 14, 17, 25, and 28, Parker teaches receiving an attribute certificate within a distributed data processing system including authentication information, (Col 1 lines 40-45). Parker teaches forwarding the data to a controlled resource (applications, (Col 1 lines 45-50).

Parker does not teach encryption.

Riggins teaches encryption of messages with the public key of the recipient, (Col 2 lines 15-25).

It would have been obvious to one of ordinary skill in the art to include the encryption of Riggins with the certificate of Parker, because the encryption makes the communication secure.

Claims 2, 3, 5, 6, 9, 11, 13, 15, 16, 18, 19, 22, 24, 26, 27, 29, 30, 33, and 35, are rejected under 35 U.S.C. 103(a) as being unpatentable over Parker US 5,339,403 in view of Riggins US 6,766,454 in view of Olden US 6,460,141

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As per claims 2, 3, 5, 6, 9, 11, 13, 15, 16, 18, 19, 22, 24, 26, 27, 29, 30, 33, and 35, the Parker-Riggins combination does not teach legacy applications, Olden teaches using user Ids' and passwords in conjunction with legacy applications, wherein a number of sets of authentication data and parameters are stored (Col 25 lines 20-27)

It would have been obvious to one of ordinary skill in the art to include the legacy application of Olden in the system of Parker-Riggins, because it is important to maintain backwards compatibility.

Claims 7, 20, and 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Parker US 5,339,403 in view of Riggins US 6,766,454 in view of Butt US 6,754,829

As per claims 7, 20, and 31, the previous Parker-Riggins combination does not disclose a X.509 certificate format.

Butt teaches the X.509 certificate format, (Col 4 lines 54-64).

It would have been obvious to one of ordinary skill in the art to use the x.509 format with the certificate of the Parker-Riggins combination because the x.509 format is operating system independent and thus very compatible.

Claims 8, 10, 21, 23, 32, and 34 are rejected under 35 U.S.C. 103(a) as being unpatentable over Riggins US 6,766,454 in view of Multerer US 6,134,658

As per claim 10, Riggins teaches exchange of public key certificates. Riggins teaches acquiring a public key from said certificate and using it for encrypting further communications, (Col 2 lines 11-23).

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Riggins does not disclose an attribute certificate exchange.

Multerer teaches generating a request for a certificate, (Col 6 lines 62-66). Multerer teaches storing authentication data within the request, (Col 56-59). Multerer teaches sending the request to a certificate authority, (Col 7 lines 3-6). Multerer teaches receiving a certificate from the certificate authority wherein the certificate comprises the encrypted authentication data, (Col 7 lines 7-17).

It would have been obvious to one of ordinary skill in the art to combine the encryption of Riggins with the certificate exchange of Multerer because the encryption increases the security of the transaction.

Conclusion

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher J Brown whose telephone number is (571)272-3833. The examiner can normally be reached on 8:30-6:00.

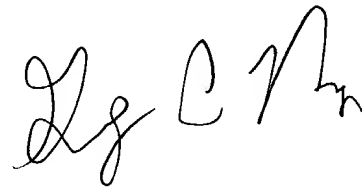
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory Morse can be reached on (571)272-3838. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Christopher J. Brown

10/15/04

A handwritten signature in black ink, appearing to read 'G. Morse', is written in a cursive style.

GREGORY MORSE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100